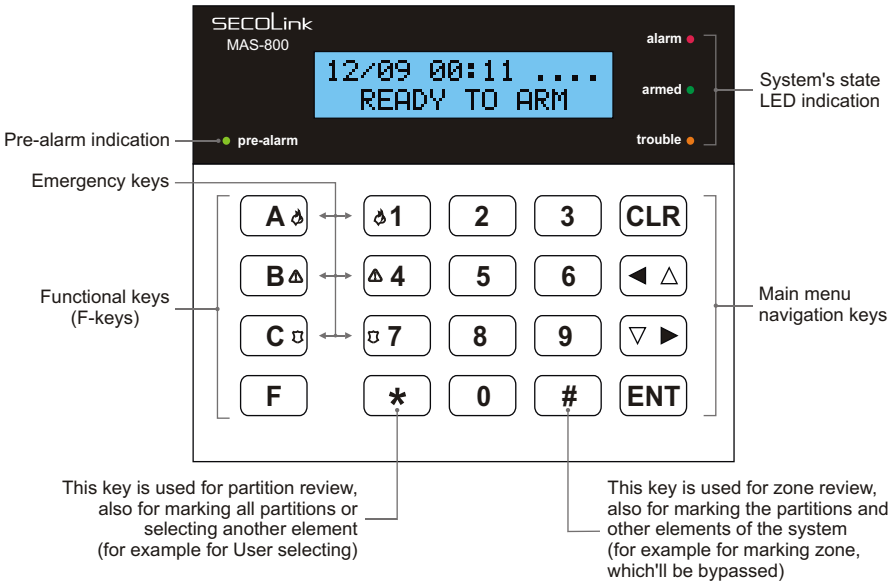
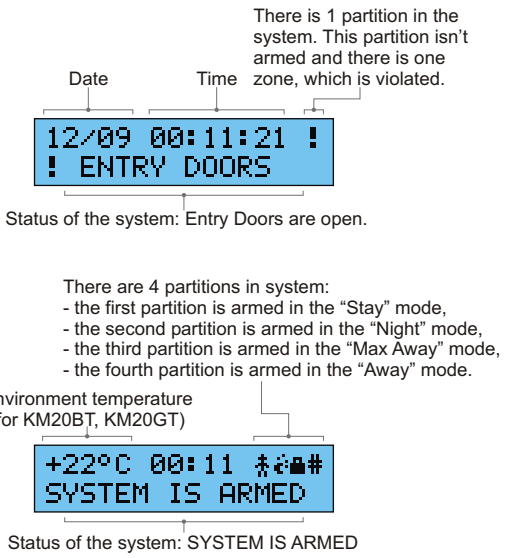

SECOLink
MAS-800
12/09 00:11 ....
READY TO ARM
alarm
armed
trouble
pre-alarm
Pre-alarm indication
Emergency keys
Functional keys (F-keys)
System's state LED indication
Main menu navigation keys
A 1 2 3 CLR
B 4 5 6 ◄ △
C 7 8 9 ▽ ►
F * 0 # ENT
This key is used for partition review, also for marking all partitions or selecting another element (for example for User selecting)
This key is used for zone review, also for marking the partitions and other elements of the system (for example for marking zone, which'll be bypassed)


There is 1 partition in the system. This partition isn't armed and there is one zone, which is violated.
Date
Time
12/09 00:11:21 !
! ENTRY DOORS
Status of the system: Entry Doors are open.
There are 4 partitions in system:
- the first partition is armed in the "Stay" mode,
- the second partition is armed in the "Night" mode,
- the third partition is armed in the "Max Away" mode,
- the fourth partition is armed in the "Away" mode.
Environment temperature (for KM20BT, KM20GT)
+22°C 00:11
SYSTEM IS ARMED
Status of the system: SYSTEM IS ARMED

Functional keys for quick and comfortable control of the system

The SECOLink Security system comes with a standard set of function keys (F - keys) that are described below. This allows you to carry out your most frequently used functions by using only one or two buttons. This also allows you to avoid system management via the Menu navigation. During the installation you can create individual F - keys, which can be adapted for the needs of the protected building and the user. To view the current list of F - keys, press [F] key, and then keep pressing [◄ △] and [▽ ►] keys.

Ways of arming

The system can be armed by three ways: F-key, via Menu, entering PIN code. The system function which is controlled by F-key can be called by pressing the F-key combination and [ENT] or by pressing and holding the last letter/number of the F-key combination. When Arming is activated via Menu, it's necessary to mark the partitions, which will be armed (mark the partitions with [*] or [#] and confirm with [ENT]). When arming is activated by Entering PIN code, it will be armed in "Away" mode.

LCD indication: ####

Arming mode "Away" – A

This arming mode is used when you want to protect a premise, when nobody will be staying inside. After arming, all zones will be protected. After using the door will be entry delay time for disarming. Arming:

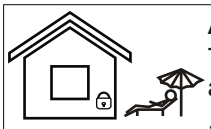
· F-key: for EU countries – [A] [ENT], [PIN:****] [ENT], for non EU countries is available [A] [ENT].
· PIN code: [PIN:****] [ENT].
· via Menu: [ENT], [Arming] [ENT], [▽ ►] [All partitions] [ENT], [PIN:] [PIN:****] [ENT].

LCD indication: ####

Arming mode "Stay" – AA

This arming mode is used to protect a house, when we are staying at home (inside) and are waiting, that somebody can come in. Interior zones aren't protected. After opening the door will be entry delay. Arming:

· F-key: for EU countries – [A] [A] [ENT] [PIN:****] [ENT], for non EU countries is available [A] [A] [ENT].
· Via Menu: [ENT], [Arming] [ENT] [◄ △] [◄ △], [Stay] [ENT], [PIN:] [PIN:****] [ENT], [Parts:] [*] [ENT].



LCD indication:

Arming mode "Max Away" – AAA

This arming mode is used when we are leaving the premise for a long period(e.g. vacations). After arming, all zones will be protected, entry delay is off, alarm will sound upon opening door. Arming :

· F-key: [A] [A] [A] [ENT] [PIN:], [PIN:****] [ENT].
· Via Menu: [ENT], [Arming] [ENT] [◄ △], [Max Away] [ENT], [PIN:] [PIN:****] [ENT], [Parts:] [*] [ENT].

LCD indication: ####

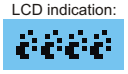
Forced Arming – F*, AAAA

The arming mode, that allows to arm the system when the zones are violated or the sensor is broken. All sensors, which were remained earlier, will be armed. After opening the entry/exit door the system will give entry delay time. Arming:

· F-key: for EU countries – [F] [*] [ENT] [PIN:****] [ENT], for non EU countries is available [F] [*] [ENT].
· Via Menu: [ENT], [Arming] [ENT] [▽ ►] [▽ ►] [▽ ►], [Forced Arming] [ENT], [PIN:] [PIN:****] [ENT].

Arming mode "Night" – C

LCD indication:



This arming mode is used when you want to arm the system with the person staying inside of the premise. The interior zones are left disarmed, if anyone opens door, won't be the entry delay and the alarm will sound. This arming mode is effective, when the door and windows are secured by the opening sensors or there are installed glass break detectors. Arming:

· F-key: for EU countries – [C] [ENT] [PIN:****] [ENT], for non EU countries is available [C] [ENT].

· Via Menu: [ENT], [Arming] [ENT], [Night] [ENT], [PIN:] [PIN:****] [ENT], [Parts:] [*] [ENT].

Partial Arming with F – key

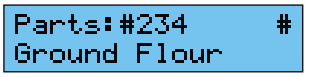
LCD indication:

Select the arming mode by pressing [A] or [C] keys (A - Away arming, AA - Stay arming, AAA - Max Away arming, AAAA - Forced arming, C - Night arming). When arming mode is selected, with the keys [1], [2], [3], [4] select the partitions which must be armed. When partitions are selected press [ENT].

Example: Only the first partition is armed. This kind of arming is available in 2-storied house, when at night the ground floor isn't used, all sensors of this partition are armed. When somebody opens doors will be an entry delay. Arming :

With [A] key select the arming mode.

When arming mode is selected press the number of partition [1].



Press [ENT] key to perform arming process.

Partial Arming from Menu

LCD indication:

1 example 2 example

This is universal way of arming, which enables to arm selected partition in desired arming mode. In case of partial arming Green LED will blink slowly.

·1 example: [ENT], [Arming] [ENT] [◄△], [Max Away] [ENT], [PIN:] [PIN:****] [ENT], [Parts:] [#] [▽►] [#] [ENT].

·2 example: [ENT], [Arming] [ENT] [▽►] [▽►], [Away] [ENT], [PIN:] [PIN:****] [ENT], [Parts:] [#] [▽►] [#] [ENT]

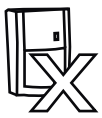
Arming and disarming of security barrier, "Pre-alarm" mode

LCD indication:

Microwave or infrared rays based security barriers, also outdoor PIR detectors, which are connected to the system, can be armed by "Pre-alarm" mode. The system will sound an alarm (without sending alarm message to Central Monitoring Station), when someone travers this electrical barrier. The "Pre-alarm" mode can be turned on and turned off the same way, as described below. For the more convenient control of "Pre-alarm" is recommended to create special F-keys (during installation process).

· Via Menu: [ENT] [▽►] [▽►], [Prealarm] [ENT], [PIN:] [PIN:****] [ENT], [Parts:] [▽►] [#] [ENT].

Bypassing zone – B



Bypassing a zone allows you to leave a door or window open while still arming the rest of your security system. Bypass procedure can be made:

· F-key: [B] [ENT], [PIN:] [PIN:****] [ENT]:

· Via Menu: [ENT] [▽►] [▽►] [▽►] [▽►], [Zone Bypass] [ENT], [PIN:] [PIN:****] [ENT]:

Zone isn't violated

Zone is violated

Zone is bypassed temporary

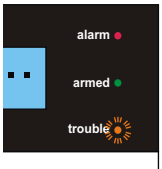
Zone is bypassed permanently

There are two different bypass type: temporal or permanent. First is used for one arming and disarming cycle, second - until the user unbypass the zone. Enter the zone number you would like to bypass. THIS MUST BE A TWO DIGIT NUMBER. The zone will be marked as "x". To bypass the zone for a long time (permanent) the last number should be pressed and held for 2 sec. The zone will be marked as "X". When all zones are marked press [ENT] key. The same actions can be performed by choosing the zone with the keys [◄△] or [▽►] and by marking with the key [#] (short press - temporal, long - permanent).

Abort arming

For selecting, also for aborting arm procedure the system SECOLink has the [CLR] key. If the exit delay is in process and you want to abort arming, press the [CLR] key, enter PIN and confirm it with the [ENT] key.

Arming system with troubles



[3] [CLR]

EU standards unexpect using of the system, which has troubles. When Yellow LED is on, the arming is impossible in the ways, which were described earlier. It is necessary immediately eliminate troubles, also inform CMS and company, which had installed the system. The system detects troubles in own modules, also it detects and other common troubles, like 230V disappearance in AC line, disconnected phone line because of repair , battery discharge. In exceptional cases is possible to bypass the troubles for a short time and arm system as usual. It can be done this way:

Press the [CLR] key once - message about the trouble will be shown on the display, then press [CLR] key again - Yellow "Trouble" LED starts to blink fast. The blinking duration is 30 seconds, during this time is possible to make usual arming procedure.

Emergency keys

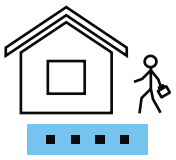
In order to call for a help (the premises must be secured by CMS) press at once two specific keys and hold them at least 1 second. When emergency alarm occurs, siren starts to sound and alarm message will be shown on the keypad display.

· Fire alarm – [A] + [1].
· Medical alarm – [B] + [4].
· Panic alarm – [C] + [7].

Ways of disarming

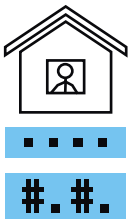
Disarming can be done by three ways: F-key, entering PIN code, Via Main Menu. Using F-key or entering PIN, all partitions, which are controlled by User, will be disarmed. After disarming via Menu it's necessary to unmark the partition, which we don't want to protect. The partition, which will be disarmed, is denoted the [*] or [#] keys and this action is confirmed by pressing the [ENT] key.

Disarming by PIN code, when entering the premise



After opening the door, which are protected, the system begins to count the entry delay. During this time it is necessary to enter PIN code and confirm by pressing the [ENT] key. All partitions, which are controlled by User, will be disarmed.

Disarming by PIN code, when staying in protected premise



When all partitions are armed and the entry door weren't opened, after entering PIN, all partitions, which are controlled by User, will be disarmed. Disarming: [PIN:****] [ENT].

When part of partitions are armed and the entry door weren't opened, after entering PIN it is necessary to make decision either to arm disarmed partitions or to disarm armed ones.

Full disarming : [PIN:****] [ENT] [▽▶], [Disarming] [ENT], [All partitions] [ENT].

Partial disarming: [PIN:****] [ENT] [▽▶], [Disarming] [ENT] [▽▶], [Selected parti] [ENT], [Parts:] [#] [ENT].

Disarming when staying in protected premise – BB or F0

Nevertheless, are there all partitions armed or not, all partitions, which are controlled by User, will be disarmed. Disarming :

·F-key: [F] [0] [ENT] [PIN:****] [ENT] or [B] [B] [ENT] [PIN:****] [ENT].

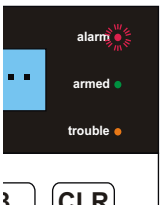
The first partition disarming, when staying in premise - BB1

Nevertheless, are there all partitions armed or not, the first partition, which is controlled by User, will be disarmed. Disarming:

·F-key: [B] [B] [1] [ENT] [PIN:****] [ENT].

The second partition can be disarmed with BB2, both partitions with BB12.

Alarm clearing



If an alarm has occured, on the display appears message "Alarm!!!" with an explanation, what reason caused it. Alarm LED is turned on, the siren starts to sound and report about alarm is sending to CMS or to the User. There are 2 ways to clear alarm and turn off red LED:

·1 way – pressing the [CLR] [PIN:****] [ENT].

After performed alarm clearing action siren stops to sound, alarm LED goes off, the system status remains the same as was before alarm. If the system has smoke detector and alarm was caused by smoke, which was raised by domestic reasons, the system will start alarm, nevertheless it was armed or disarmed. The only way to clear alarm is possible by bypassing of smoke detector (see 2 page, "Bypassing zone – B").

·2 way – entering PIN code.

After performed alarm clearing action siren stops to sound, alarm LED goes off, the system will be disarmed if it was armed before entering PIN code. When all partitions, which are controlled by User, are disarmed, it's not recommended to use PIN for alarm clearing, because is possible casual arming.

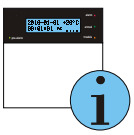
Event log review – F30, F31

All events, which are concerned with protected premises and status of the system, are stored in the event log. Reviewing event log:

· F-key: [F] [3] [0] [ENT] (ALARMS events), [F] [3] [1] [ENT] (FAULTS events).
· Via Menu: [ENT] [▽▶] [▽▶] [▽▶] [▽▶] [▽▶] [▽▶] [Event Log] [ENT], [Alarm Event] [ENT], [PIN:] [PIN:****] [ENT].

To display time or date event press the [#] key, next event is selected the [◀△], [▽▶] key.

Electronic notebook (memo) review - F09



All important contact information (phone No, e-mail) Installer can write out on keypad. Review:

· F-key: [F] [0] [9] [ENT], [1 record] [▽▶], [2 record] [▽▶], [3 record] [▽▶], [4 record] [▽▶], [5 record] [▽▶].
· Via Menu: [ENT] [◀△] [◀△] [Memo] [ENT], [1 record] [▽▶], [2 record] [▽▶], [3 record] [▽▶], [4 record] [▽▶], [5 record] [▽▶].

Sensor operation testing, testing zones – F22

It is recommended to do sensor work test at least one time per month. During a test it is necessary to make a violation of zone, it means to open door or windows, which have magnetic contacts, or to simulate movement near the motion sensor. Glass break detector can be tested by hard clapping hands. Testing:

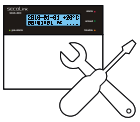
· F-key: F 2 2 ENT, PIN:**** ENT.

· Via Menu: ENT, ◄△ ◄△ ◄△ ◄△ ◄△ [Tests] ENT, [Burg. Zone Tes] ENT, PIN:**** ENT.

Test 12345 Door	Testing zone is not violated
Test #2345 Door	Testing zone is violated

Zones, which were violated (#), are checking by pressing the ◄△ ▽► key, test finishes by pressing CLR

Permission to make changes of the system (service mode entry) – F33



For security reasons Installer will have permission to make changes of the system setting only after User approves it by entering his PIN .

· F-key: F 3 3 ENT, [Enable Service: User PIN:] PIN:**** ENT, [ServicePIN:].

· Via Menu: ENT, ◄△ [Service mode] ENT, [Enable Service: User PIN:] PIN:**** ENT, [ServicePIN:].

Activated User PIN code changing – F20

PIN: ****

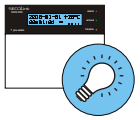
The manufacturer provides the system with 4-digit number default PINs. Each user has default PIN according his number in the system. For example: the default PIN for the first User will be 0001, for the second User - 0002 and etc. After installation it is strongly recommended to change default PIN.

· F-key: F 2 0 ENT, [Change PIN:] PIN:**** ENT, [New PIN:] PIN:**** ENT, [Repeat:] PIN:**** ENT, [Changed].

· Via Menu: ENT, ◄△ ◄△ ◄△ ◄△ [Options] ENT, ▽► ▽► [Users] ENT, ENT, [Change PIN:] PIN:**** ENT, [New PIN:] PIN:**** ENT, [Repeat:] PIN:**** ENT, [Changed].

The example: The User of the system has a PIN 1234. When he feels, that PIN isn't secure, he can change it by pressing sequence of keys F 2 0 ENT, [Change PIN:] 1234 ENT, [New PIN:] 3762 ENT, [Repeat:] 3762 ENT [Changed].

Keypad display and keys backlight changing – F10



User has possibility to change contrast and backlight intensity of keypad LCD display, also he can select conditions, when keypad keys will be illuminated. Default settings - button's illuminating starts up after pressing the button or when occurs entry delay or alarm trigger. For illuminating buttons all the time, it is necessary to perform such actions:

· F-key: F 0 1 0 ENT, [Keypad Settings:] PIN:**** ENT, [Light] ENT ▽►, [LCD&keypad] ENT, [Changed] CLR CLR CLR.

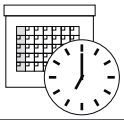
· Via Menu: ENT, ◄△ ◄△ ◄△ ◄△ [Options:] ENT, ◄△ ◄△ ◄△ [Keypad settings] ENT, [PIN:] PIN:**** ENT, [Light] ENT, ▽► [LCD & keypad] ENT, [Changed] CLR CLR CLR.

Chime mode

"Chime" function is used to inform User with the sound or light signal (LCD display, keypad keys) about opening of entry/exit door or violation of other selected zone. From which zone "chime" will be activated you can set by pressing the # key on selected zone. The "chime" zone will be marked as .

·Via Menu: ENT, ◄△ ◄△ ◄△ ◄△ [Options:] ENT, ▽►, [Chime] ENT, PIN:**** ENT, ▽► # ▽► # ENT.

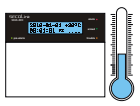
Setting Date and time – F21



·F-key: F 2 0 1 ENT, [Date and Time:] PIN:**** ENT, (enter date and time) ENT.

·Via Menu: ENT, ◄△ ◄△ ◄△ ◄△ [Options] ENT, ENT, [Date and Time] PIN:**** ENT, (enter date and time) ENT.

Temperature correction on keypad display – F11 (only KM20BT, KM20GT)



If the keypad shows an incorrect environment temperature, it is recommended to make temperature correction, which can be done by entering value of temperature, measured with domestic thermometers. The correction can be made Via Menu: ENT, ◄△ ◄△ ◄△ ◄△ [Options] ENT, ◄△ [Temperature] ENT ,◄△ [Temper.correction.] ENT, PIN:**** ENT, (enter temperature value) ENT.

Activated Users' review – F23

PIN: ?

After system installation is recommended to review, how many Users can control the security system:

·F-key: F 2 3 ENT, PIN:**** ENT, ▽► [Status], * * * *.

·Via Menu: ENT, ◄△ ◄△ ◄△ ◄△ [Options] ENT, ▽► ▽► [Users] ENT, ▽► [Edit User] ENT, PIN:**** ENT, ▽► [Status], * * * *.

LCD display will show User number (for example U01) and mode: Enabled or Disabled. All Users , who have mode "Enabled" can control system or it's partitions.

System compliance and warranty

CE

The system is made in Lithuania, warranty term is 24 months. The manufacturer – company "Kodinis Raktas" declares, that product "SECOLink" complies with essential EU directive and EU standard EN 50131-1. See manufacturer's web site: www.kodinis.lt for complete text of declaration.

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